

## CONTENTS

A New Procedure for Studying Central Acting Cardiovascular Drugs: the Permeabilization of the Blood-Brain Barrier. <i>J. Feldman and P. Bousquet</i>	7
Participation of Sympathetic and Vagal Tones in the Hypotensive and Bradycardic Effects of Some 5-HT <sub>1</sub> -like Receptor Agonists in the Rat. <i>C. Cherqui, H. Dabiré, B. Fournier and H. Schmitt</i>	18
In Vitro Effects of S.3341 on the Spontaneous Contractile Activity of the Rat Portal Vein: Interference with the $\alpha$ -Adrenergic Stimulation. <i>J. P. Bourreau, M. Feletou and R. Tricoche</i>	29
Cardiovascular Responses to Amitraz in the Presence of Autonomic Antagonists and Agonists. <i>L. K. Cullen and J. A. Reynoldson</i>	45
Epithelium-Dependent Relaxation of Guinea-Pig Tracheal Smooth Muscle by Histamine: Evidence for non-H <sub>1</sub> - and non-H <sub>2</sub> -Histamine Receptors. <i>M. O. Guc, M. Ilhan and S. O. Kayaalp</i>	57
Influence of Endothelium on the Vasoconstrictor Effect of Dihydroergotamine in the Isolated Rat Aorta. <i>E. Glusa and F. Markwardt</i>	66
An Investigation of the Adrenergic Uptake Specificity of Phenyl-2-aminoethyl Sulfides. <i>S. H. Pollock, H. H. Herman, M. L. Dillard and S. W. May</i>	76
Effects of $\beta$ -Adrenergic Agents on the Regional Cerebral Blood Flow in Cortex and Thalamus of the Cat. <i>V. Vlahov and N. Bacracheva</i>	87
Effects of a Newly Synthesized Calcium Antagonist, Cyclopropylmethyl 4-(3-nitrophenyl) 1,4-dihydro-2,6-dimethylpyridine-3,5-dicarboxylate (MPC-2101), on Action Potentials of Rabbit's Myocardial Tissues <i>In Vitro</i> . <i>T. Kano, S. Nakamura and K. Nishi</i>	101
Differential Sensitivity to Calcium Entry Blockade of Angiotensin II-Induced Contractions of Rat and Guinea-pig Aorta. <i>P. N. M. van Heiningen and P. A. van Zwieten</i>	118
Renal Actions of the New Angiotensin-Converting Enzyme Inhibitor Benazepril Hydrochloride. <i>N. R. Levens</i>	131
Influence of Phentolamine on Platelet Aggregation, Thromboxane B <sub>2</sub> Production and Release Reaction. <i>G. Anfossi, M. Trovati, E. Mularoni, M. Lanzio, P. Massucco and G. Emanuelli</i>	144
Prostanoids Stimulate Fibrinolysis in the Rat. <i>P. K. Moore, I. Hussaini and R. Bhardwaj</i>	155
The Antimuscarinic Activity of a Dopamine Receptor Agonist (RDS-127) Differentiates M <sub>2</sub> -Muscarinic Receptors of Heart, Ileum and Trachea in Guinea-Pig. <i>I. Sahin and M. Ilhan</i>	163
Cholinergic Contractions Induced by GABA-A Receptor Activation in the Guinea-Pig Ileum are Inhibited by $\alpha$ -Chymotrypsin and Potentiated by Diazepam. <i>M. Tonini, L. Onori, L. Manzo, C. A. Rizzi and A. Crema</i>	173
Comparison of $\beta$ -Adrenoceptors in Single Smooth Muscle Cells and in Isolated Smooth Muscle Preparations from the Guinea-pig Taenia Caecum. <i>K. Koike and I. Takayanagi</i>	184
Effects of Omeprazole on Rat Gastric Mucus Glycoproteins with Acetylsalicylic Acid-Induced Gastric Damage. <i>S. Ohara, N. Murayama, H. Kuwata, K. Ishihara and K. Hotta</i>	192

The Effect of N-acetylneuraminc Acid on the Mucociliary Transport Impaired by Cigarette Smoke. <i>T. Miyata, N. Matsumoto, H. Yuki, K. Takahama, Y. Okano and H. Kai</i>	202
A Time-Course Study of Hypothyroidism-Induced Hypotension: Its Relation to Food Deprivation. <i>A. J. Delia and E. B. Thompson</i>	210
Antihyperglycemic and Insulin-Releasing Effects of $\beta$ -Sitosterol 3- $\beta$ -D-Glucoside and Its Aglycone, $\beta$ -Sitosterol. <i>M. D. Ivorra, M. P. D'Ocon, M. Paya and A. Villar</i>	224
Staurosporine Counteracts the Phorbol Ester-Induced Enhancement of Neurotransmitter Release in Hippocampus. <i>B. Daschmann, C. Allgaier, R. Nakov and G. Hertting</i>	232
Effect of Minaprine on Neuronal Activity in the Brain Stem Reticular Formation of the Rat. <i>S. Okuyama and H. Aihara</i>	246
Neuroleptic-like, Anticonvulsant and Antinociceptive Effects of Aporphine Alkaloids: Bulbocapnine, Corytuberine, Boldine and Glaucine. <i>G. Zetler</i>	255
Changes in [ $^3$ H]-Imipramine Binding Sites in Relation to Muricide Following Olfactory Bulbectomy and the Effect of Nomifensine in Brain of Rats. <i>Iz. M. H. Al-Khatib, M. Fujiwara, Y. Kataoka and S. Ueki</i>	282
Book Reviews	293

